NITFS
Compliance Registration

Product: PhotoTelesis Image & Communications Environment (ICE) version 4.1

Date: 22 May 2006
Expiration: 21 May 2007

Sponsor: PhotoTelesis Corporation, San Antonio, Texas

Registration #: 2045

Developer: PhotoTelesis Corporation, San Antonio, Texas

☐ Initial Registration
☑ Supplemental/Update # 201
☐ Derived from Reg. # 6

System
N-0105/98, §4.1.1

☑ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

** NITF 2.0 feature
* NITF 2.1 feature

Complexity Level

NITF 2.1 CLEVEL

	3		5	6	7
Interpret					
Generate					

NITF 2.0 CLEVEL

	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:
- Pentium (MS Windows 95)
- Pentium (MS Windows 98)
- Pentium (MS Windows NT 4.0 Sp5)

NITFS Features Implemented:

Format
- NITF
  - ● ● v2.1
  - ● ● v2.0
  - ● v1.1
- NSIF
  - ● ● v1.0

Pixel Value Types
- ● ● Boolean
- ● ● Integer
- ○ ○ Signed Integer *
- ○ ○ IEEE Real *
- ○ ○ IEEE Complex *

Annotation Segment Types
- ● ○ Bit Mapped **
- ● ● CGM, 2301
- ● ● CGM, 2301A
- ● ○ Labels **

Text Segments
- ● ● STA
- ● ○ UT1
- ○ ○ U8S
- ○ ○ MTF

Image Segment Types
- ● ● MONO
- ● ● RGB
- ● ○ RGB/LUT
- ● ● YCbCr
- ● ● MULTI
- ○ ○ NODISPLY
- ○ ○ POLAR

Image Compression
- ● ● Not Compressed
- ● ● JPEG Lossy, 8-bit
- ● ● JPEG Lossy, 12-bit
- ● ● JPEG Downsample
- ● ● JPEG Lossless
- ○ ○ JPEG 2000
- ● ● Bi-Level
- ● ○ Vector Quantization
- ● ● Multispectral JPEG, Individual Band

Data Extension Segments
- ○ ○ TRE_OVERFLOW
- ○ ○ STREAMING_FILE_HEADER
- ○ ○ Controlled Extensions **
- ○ ○ Registered Extensions **

Tagged Record Extensions
- None implemented

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.

CHRISTOPHER K. LONG, Acting Division Chief
Joint Interoperability Test Command
Executive Agent to National Imagery & Mapping Agency
for the NITFS Test and Evaluation Program